



# Service Drop Duplex, AAC Messenger, 1350 Aluminum Conductor, 90 °C Dry or Wet, Rated 600 V



## APPLICATIONS

Used for secondary distribution and overhead service entrance at 600 V or less, rated 90 °C dry or wet, sunlight resistant.

## CONSTRUCTION

**Phase Conductor:** Compact stranded All Aluminum Conductor (AAC) 1350.

**Insulation:** Sunlight resistant Cross-Linked Polyethylene (XLPE).

**Neutral or Messenger:** Concentric stranded bare All Aluminum Conductor (AAC) 1350-H19.

**Assembly:** Twisted assembly of 1 insulated phase conductor around 1 bare neutral or messenger conductor.

## CONDUCTOR IDENTIFICATION

**Phase Conductor:** Black

**VOLTAGE RATING:** 600 V

## TEMPERATURE RATING

Dry or Wet 90°C

## MINIMUM BENDING RADIUS

Not Under Tension: 19x outer diameter  
Under Tension (During Pull): 29x outer diameter

## RATINGS AND MARKINGS

Sunlight resistant and marked  
RoHS Compliant

## STANDARDS

These cables are manufactured and tested to meet or exceed the following standards:

- ASTM B230 – Aluminum 1350–H19 Wire for Electrical Purposes
- ASTM B231 – Concentric-Lay-Stranded Aluminum 1350 Conductors
- ASTM B400 – Compact Round Concentric-Lay-Stranded Aluminum 1350 Conductors
- ICEA S-76-474 – Neutral Supported Power Cable Assemblies with Weather Resistant Extruded Insulation Rated 600 Volts

Code Word	Phase Conductor				1350 Neutral Conductor		Overall Diameter (in)	Weight		
	Size (AWG or kcmil)	Stranding	Insulation Thickness (in)	Diameter (in)	Size (AWG or kcmil)	Stranding		Phase AI (lb/1000 ft)	Neutral AI (lb/1000 ft)	Net (lb/1000 ft)
Pekingese	6	Solid	0.045	0.252	6	7	0.436	24.7	24.6	63.0
Collie	6	7	0.045	0.259	6	7	0.443	25.1	24.6	63.9
Dachshund	4	Solid	0.045	0.294	4	7	0.526	39.2	39.1	94.8
Spaniel	4	7	0.045	0.303	4	7	0.535	39.9	39.1	96.1
Doberman	2	7	0.045	0.358	2	7	0.650	63.4	62.2	146
Malemute	1/0	19	0.060	0.456	1/0	7	0.828	101.0	98.9	235